

AMENDMENTS TO THE SPECIFICATION

Page 4, please replace first full paragraph no. 1 with the following amended paragraph:

As a further development, there is known an invention that enables high accuracy, stable measurement by periodic phase modulation using a liquid crystal element (see, for example, patent document 5: Japanese Patent Application Laid-open No. 2000 2002-277387 (Fig. 3)). Fig. 19 is an explanatory diagram of an optical system of the conventional concentration measuring apparatus.